

LINEA e-lock

Swivel castor with integrated electric locking system,
total or directional lock

Swivel castor with **integrated electric locking system**,
total- or directional lock

Housing made of **break-proof** high grade
synthetic material

Two precision ball bearings
in the swivel head



Emergency release



Excellent roll-performance,
smooth surfaces reduce the
accumulation of dirt and allow
for easy clean up

Fig. 594EUSP150R36-32

The e-lock is a further development of the tried-and-trusted LINEA range. The locking system is integrated in the castor. The locking functions are controlled electrically. Switching forces and switching torque are no longer required. Each switching position can be individually controlled. The controls are freely programmable and can be operated via Bluetooth or radio or using an app. The e-lock also has the advantages of quiet switching and a particularly low rate of mechanical wear. The designer has much greater design freedom, since the pedal and the switching rods to the individual castors are no longer needed.

- ⊕ **Electrical locking** of the castor – does not involve switching torques and switching forces
- ⊕ **Opens up new possibilities** regarding the design of new beds
- ⊕ **Programmable logic controller**
- ⊕ **Extremely low level of mechanical wear**
- ⊕ **Noise reduced** of switching/locking

Technical properties LINEA e-lock

Technical data 594EUSP150R36-32

Overall height	155 mm
Offset	47 mm
Temperature	+5 to +40 °C
Standard	EN 12531
Wheel name	USP
Wheel diameter	Ø 150 mm
Load capacity*	150 kg /castor
Wheel center	Polyamide
Tread	Polyurethane, conductive
Bearing	Precision ball bearing

*Load capacity tested according EN12531

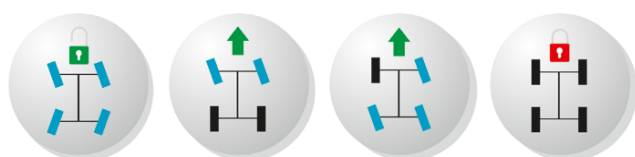


Excellent roll-performance, smooth surfaces reduce the accumulation of dirt and allow for easy clean up, precision ball bearing, electric conductive, non-marking

Optionally available with wheel USC, with protection class IPX4 and stainless precision ball bearing.

Switching functions

Position 1	All castors set to swivel actions (Free)
Position 2	Directional lock for 2 castors
Position 3	Directional lock for 1 castor
Position 4	Total lock



Solid stem

Bolt	Ø 32 mm
Bolt length	50 mm
Power supply	24 V/DC Supply voltage 1,6 A max. Motor stream
Electrical connection	Connector 03R-JWPF-VSLE-S 1 VDD Power supply (+) 2 IO 1 Wire Serial Interface 3 GND Supply and System Ground



Bolt R36 - 32

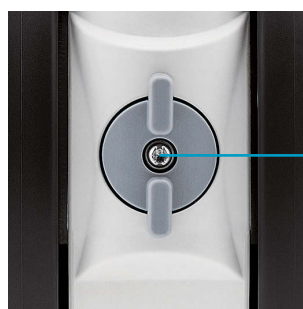
Emergency release

Emergency release

In the event of a power cut, the castor can be manually unlocked. The emergency release will be automatically reset during the motor's reference run as soon as power is available again.

Actuation of the emergency release

Mechanical unlocking e-lock of position directional lock: Turning the button 90° clockwise. Mechanical unlocking e-lock of position total lock: Turning the button 90° anti clockwise.



Emergency release

Further hospital bed castors can be found in our catalogue 6.2 on page 199.